						PROJECT REFERENCE NO. SHEET NO.	
						B-5121 SCP.1	
1	INSTALL REA, PE – 22, SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	34	INSTALL CABINET FOUNDATION		LEGEND		
2	INSTALL REA, PE – 38, (FIGURE 8) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	35	REMOVE EXISTING CABINET FOUNDATION	TWIST PR	NEW FIBER OPTIC COMMUNICATIONS CABLE NEW TWISTED PAIR COMMUNICATIONS CABLE		
$\sqrt{3}$	INSTALL REA, PE – 39, (UNDERGROUND) SHIELDED, TWISTED PAIR COMMUNICATIONS CABLE	36	INSTALL CCTV CAMERA ASSEMBLY	EXI	EXISTING COMMUNICATIONS CABLE		
\wedge		37	INSTALL CCTV CAMERA WOOD POLE	REM -	EXISTING COMMUNICATIONS CABLE TO BE REMOVED		
<u></u>	INSTALL SMFO CABLE	38	INSTALL CCTV CAMERA METAL POLE AND FOUNDATION		— NEW AERIAL GUY ASSEMBLY		
5	INSTALL MMFO CABLE	39	INSTALL JUNCTION BOX				
6	INSTALL FIBER OPTIC DROP CABLE	40	INSTALL OVERSIZED JUNCTION BOX	DD	NEW DIRECTIONAL DRILLED CONDUIT		
7	INSTALL TRACER WIRE	40	REMOVE EXISTING JUNCTION BOX	B&J	NEW BORED AND JACKED CONDUIT NEW JUNCTION BOX		
	TDENICH	[#1]	KLMOVE EXISTING JOINCHOIN BOX		EXISTING JUNCTION BOX		
8	TRENCH	42	INSTALL WOOD POLE		NEW WOOD POLE		
9	INSTALL PVC CONDUIT	43	REMOVE EXISTING WOOD POLE		EXISTING WOOD POLE AERIAL SPLICE ENCLOSURE		
(10)	INSTALL RIGID, GALVANIZED STEEL CONDUIT	44	INSTALL AERIAL GUY ASSEMBLY		NEW METAL POLE EXISTING METAL POLE		
	NICTALL DICID CALVANITED CTEEL DICED WITH WEATHERINGAD	45	INSTALL STANDARD GUY ASSEMBLY	>			
(11)	INSTALL RIGID, GALVANIZED STEEL RISER WITH WEATHERHEAD		INSTALL SIDEWALK GUY ASSEMBLY	(——	- NEW STANDARD GUY ASSEMBLY		
(12)	INSTALL RIGID, GALVANIZED STEEL RISER WITH FIBER OPTIC CABLE				NEW SIDEWALK GUY ASSEMBLY NEW CABLE STORAGE RACKS (SNOW SHOES)		
(13)	INSTALL OUTER-DUCT POLYETHYLENE CONDUIT	47	INSTALL MESSENGER CABLE	× ×			
		48	REMOVE EXISTING COMMUNICATIONS AND MESSENGER CABLE	S S			
(14)	INSTALL POLYETHYLENE CONDUIT	49	REMOVE EXISTING COMMUNICATIONS CABLE AND ABANDON CONDUIT SYSTEM	SF			
(15)	DIRECTIONAL DRILL CONDUIT	50	INSTALL TELEPHONE SERVICE	XX-XXXX	SIGNAL INVENTORY NUMBER		
16	BORE AND JACK CONDUIT	51	INSTALL CABLE STORAGE RACKS (SNOW SHOES) AND STORE 100 FEET OF CABLE	CONSTR	RUCTION NOTE SYMBOLOGY K	<u>EY</u>	
17	INSTALL CABLE(S) IN EXISTING CONDUIT	52	INSTALL DELINEATOR MARKER	(xx)	INDICATES NUMBER OF CABLES, LOOPS, ETC.		
(18)	INSTALL CABLE(S) IN NEW CONDUIT	53	STORE 20 FEET OF COMMUNICATIONS CABLE	Ivv I	INDICATES NUMBER OF FIBERS PER CABLE,		
(19)	INSTALL CABLE(S) IN EXISTING RISER	54	LASH CABLE(S) TO EXISTING SIGNAL/COMMUNICATIONS CABLE		TWISTED PAIRS PER CABLE, ETC. INDICATES NUMBER OF RISER(S) / CONDUIT(S)		
(20)	INSTALL CABLE(S) IN NEW RISER	55	LASH CABLE(S) TO EXISTING MESSENGER CABLE				
		56	LASH CABLE(S) TO NEW MESSENGER CABLE	\(xx \)	INDICATES DIAMETER OF RISER(S)/CONDUIT(S) (INCI	⊣)	
(21)	INSTALL NEW CONDUIT INTO EXISTING CARDIET BASE	57	MODIFY EXISTING ELECTRICAL SERVICE			NUMBER OF	
(22)	STALL NEW CONDUIT INTO EXISTING CABINET BASE SE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE) 58		INSTALL NEW ELECTRICAL SERVICE		CABLE(S) FIBERS/TWISTED PAIRS		
23	INSTALL NEW RISER INTO EXISTING CABINET BASE (USE EXISTING CONDUIT STUB-OUTS WHEN AVAILABLE)						
24	INSTALL NEW CONDUIT INTO EXISTING POLE MOUNTED CABINET						
25	INSTALL NEW RISER INTO EXISTING POLE MOUNTED CABINET				XX VVV		
26	TERMINATE COMMUNICATIONS CABLE ON EXISTING TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	NOTES FOR WIRELESS COMMUNICATIONS: 1. INSTALL COAXIAL CABLE:			NUMBER DIAMETER OF OF RISER(S)/CONDUIT(S) RISER(S)/CONDUIT(S) (INCH)		
27>	INSTALL NEW TELEMETRY INTERFACE PANEL IN TRAFFIC SIGNAL CONTROLLER CABINET	 A. ON WOOD POLES, REQUIRING A NEW RIGID GALVANIZED STEEL RISER, INSTALL A 2" RISER WITH WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA. B. ON METAL POLES WITH MAST ARMS, RUN COAXIAL CABLE UP THROUGH THE POLE AND OUT THE MAST ARM; FIELD DRILL A 1/2" HOLE UP THROUGH THE BOTTOM OF MAST ARM FOR INSTALLATION OF THE COAXIAL CABLE TO THE ANTENNA. C. ON METAL STRAIN POLES, RUN COAXIAL CABLE UP THROUGH THE POLE AND OUT THE WEATHERHEAD AND ROUTE THE COAXIAL CABLE TO THE ANTENNA. D. BETWEEN THE POINT OF EXITING THE RISER, METAL POLE OR MAST ARM AND THE ANTENNA, SECURE THE COAXIAL CABLE TO THE STRUCTURE USING 3/4" STAINLESS STEEL STRAPS EVERY 12". 					
28	INSTALL INTERCONNECT CENTER, PATCH PANEL, JUMPERS AND FUSION SPLICE CABLE IN CABINET						
29	INSTALL UNDERGROUND SPLICE ENCLOSURE	2. IF AN EXISTING 2" SPARE RIGID GALVANIZED STEEL RISER IS AVAILABLE, INSTALL THE COAXIAL CABLE IN THE SPARE RISER. 3. INSTALL WIRELESS ANTENNA ON POLE WITH RF WARNING SIGN. (NOTE: RF WARNING SIGN NOT REQUIRED WHEN ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)			in the Offices of:	DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED SEAL	
30>	INSTALL AERIAL SPLICE ENCLOSURE	,	CE FROM ALL UTILITIES PER THE NATIONAL ELECTRICAL SAFETY CODE.	olygo Mot	BILITY and Sure Company of the Compa	SCAL CAROLINA	
31	INSTALL POLE MOUNTED SPLICE CABINET	5. INSTALL WIRELESS SERIAL RADIO MODEM WITH EXTERIOR DISCONNECT SWITCH LOCATED ON CABINET. (NOTE: RF ANTENNA DISCONNECT SWITCH AND DECAL ARE NOT REQUIRED WHEN THE ANTENNA IS INSTALLED ON AN NCDOT-OWNED POLE.)			CONSTRUCTION NOTES	SEAL SEAL	
$\langle 32 \rangle$	INSTALL BASE MOUNTED SPLICE CABINET	O. REFERENCE "WIRELESS RADIO	AINTEININA TIFICAL DETAILS.	S S S S S S S S S S S S S S S S S S S	DIVISION 05 WAKE CO. Docusigned by: PLAN DATE: FEBRUARY 2016 REVIEWED BY: Mil Wary	CALL CNG INE COLLEGE	
				750 N. Greenfield	Pkwy., Garner, NC 27529 PREPARED BY: B.A. STOUCHKO REVISIONS INIT.	DATE DocuSigned by:	
33	REMOVE EXISTING SPLICE CABINET					G. A. Fuller 2/9/2016	